

FriendlyNet FH205P 5-port Dual-speed Fast Ethernet Hub

User's Guide

1 PRODUCT INTRODUCTION

Asanté's FriendlyNet FH205P 5-port Dual-speed Ethernet Hub offers a cost-effective solution to today's growing need for greater network speed. With five 10/100Mbps plug-and-play ports, you can begin installing 100Mbps devices in your existing 10Mbps network and move to a 100Mbps network in the future.

Key features include:

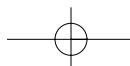
- Compliant with IEEE802.3 & 802.3u Class I and II Repeater specifications
- 10Base-T/100Base-TX N-WAY automatic speed detection
- Compact size
- One Uplink switch to support uplink function

PACKAGE CONTENTS

The package should include the following items:

- One FriendlyNet FH205P 5-port Dual-speed Ethernet Hub
- One power adapter
- One power cord
- One mail-in registration card
- One User's Guide

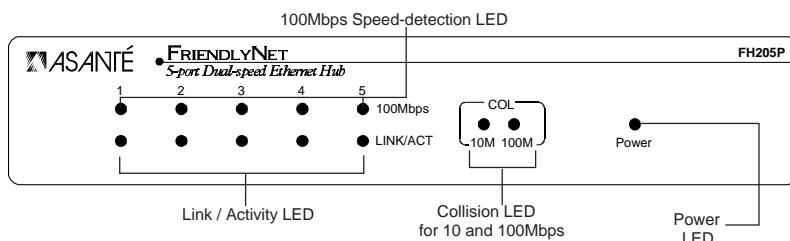
If any item is missing, please contact your dealer immediately.



HARDWARE DESCRIPTION

Front Panel

The LED indicators help you to monitor the working status of the hub and overall network situation.

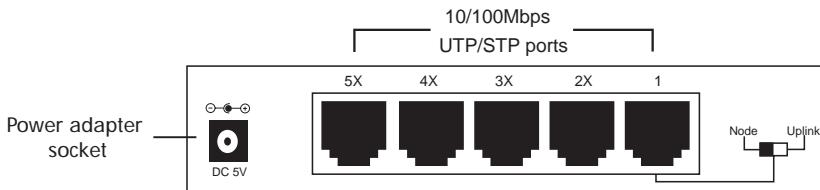


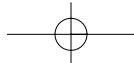
LED Indicators

| LED Indicator | Color | Description |
|---------------------------|--------|---|
| Power (PWR) | green | Lit = Power on |
| Collision (COL) | yellow | Lit = Data collision occurs |
| 100Mbps (100Mbps) | green | Lit = 100Mbps link activated |
| Link /Activity (LINK/ACT) | green | Lit = link established; Blink = receiving data |

Rear Panel:

The rear panel includes one power socket, which accepts 5 VDC power input, switch for NODE/UPLINK (next to port #1) and 5 RJ-45 UTP/STP ports.





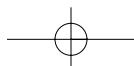
A: Basic Installation

1. Place the hub on a smooth, horizontal surface.
2. Establish network connection by plugging one end of the Category 5 UTP/STP cable RJ-45 connector into the hub port, the other end to the Ethernet/Fast Ethernet adapter installed in the workstation computer.
3. Connect each device by repeating step 2 .
4. Ensure that each device is connected properly. Turn on the power by attaching the power cable to the hub and plug in the power outlet.

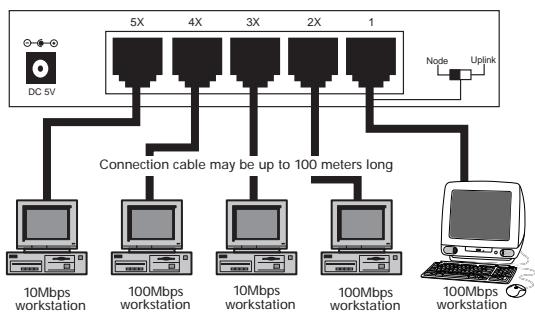
Attention: Be sure to use Category 5 UTP/STP cable in connecting 100Mbps network devices. The cable length shall not exceed 100 meters.

B: Uplink Connection

1. Set the Uplink switch to "Uplink" position.
2. Plug one end of the Category 5 UTP/STP cable RJ-45 connector into the Uplink port of the first hub.
3. Plug the other end into an ordinary port on the second hub.
Attention:
 - I. Crossover cable is not necessary in establishing uplink connection through uplink port.
 - II. The uplink cable length shall not exceed 5 meters.



The FriendlyNet FH205P can be deployed where 10Mbps and 100Mbps network devices coexist and need to be integrated. The diagram below illustrates one sample application:



4 PRODUCT SPECIFICATIONS

| | |
|-----------------------------------|---|
| Standards supported | IEEE802.3, IEEE802.3u, Class II Repeater |
| 10/100Base-TX UTP/STP Port | 5 N-WAY ports |
| Uplink port | Port #1 |
| Cabling | UTP/STP Category 3, 4, 5 (100 ohm impedance) |
| LED indicators | Power — green Collision — yellow 100Mbps — green Link/Activity — green/blink |
| Input voltage | 100–240 Vac, 47/63Hz |
| Output voltage | 5 VDC |
| Operating temperature | 0–50° C (32–122° F) |
| Operating humidity | 5–95% |
| Certification | FCC Class A and CE |
| Dimensions | 170mm (W) x 155mm (D) x 30mm (H) 6.7" (W) x 6.1" (D) x 1.2" (H) |

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